

JUN 09 2005

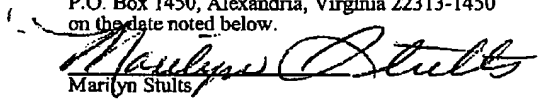
Attorney Docket No. 03544/LH**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): Takahiro KAWAGUCHI
Serial No. : 10/655,894
Filed : September 4, 2003
For : WIRE DOT PRINTER HEAD AND
WIRE DOT PRINTER
Art Unit : 2854
Examiner : COLILLA, DANIEL JAMES

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TOTAL PAGES: 18

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Marilyn StultsDated: June 9, 2005

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
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06/10/2005 BRONNER 00000016 10655894

01 FC:1006

100.00 OP

S I R :

The following U.S. applications are related to the above-
identified application:

Serial No. 11/073,118 filed March 3, 2005;
Serial No. 11/073,117 filed March 3, 2005;
Serial No. 11/073,092 filed March 3, 2005; and
Serial No. 11/073,093 filed March 3, 2005.

Attached are Forms PTO/SB/08A and PTO/SB/08B listing the
particulars of each of the related applications as well as
Japanese and U.S. documents cited in the related applications.
These Japanese and U.S. documents are considered to be material
because they were cited by the applicants and/or by the U.S.
Examiner in said related applications. Copies of the Japanese
documents are submitted herewith.

The pending U.S. patent applications identified on said form
PTO/SB/08B and which have not yet been published, are stored in
the USPTO's Image File Wrapper system.

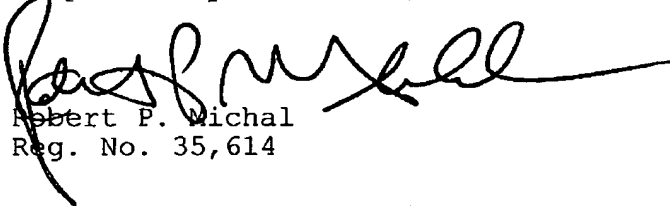
Commercially available English language Abstracts are provided for each of the Japanese publications submitted herewith.

A form 2038 is enclosed to cover the USPTO fee of \$180.00 as set forth under 37 CFR 1.17(p) for filing an IDS at this stage of prosecution (after issuance of a Final Office Action).

Authorization is given to charge any additional fees which may be required, or to credit any overpayment, to Account No. 06-1378.

It is respectfully requested that the Examiner return initialed copies of the attached Forms PTO/SB/08A and PTO/SB/08B to confirm that the documents listed therein have all been considered and made of record.

Respectfully submitted,



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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/655,894
				Filing Date	September 4, 2003
				First Named Inventor	Takahiro KAWAGUCHI et al
				Group Art Unit	2854
				Examiner Name	COLILLA, DANIEL JAMES
Sheet	1	of	2	Attorney Docket Number	03544/LH

U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No.	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		5,074,687		GUGEL	12-24-1991	
		6,848,843	B1	KAWAGUCHI	02-01-2005	
		4,881,832		MITSUISHI et al	11-21-1989	

FOREIGN PATENT DOCUMENTS

Exam Inits	Cite No.	Offc.	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP	4-002639	A	DENKI KAGAKU KOGYO KK	01-07-1992		X*
		JP	4-31061	A	SEIKO EPSON CORP	02-03-1992		X*
			*English language Abstract only.					

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

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PTO/SB/08B

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/655,894
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				Group Art Unit	2854
				Examiner Name	COLILLA, DANIEL JAMES
Sheet	2	of	2	Attorney Docket Number	03544/LH
NON PATENT LITERATURE DOCUMENTS					
Exam Inits ¹	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
		Serial No. 11/073,118, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
		Serial No. 11/073,117, Inventor: TSUCHIYA et al., Filing date: March 3, 2005			
		Serial No. 11/073,092, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
		Serial No. 11/073,093, Inventor: KAWAGUCHI et al., Filing date: March 3, 2005			
Examiner Signature				Date Considered	

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